

Daily Report For 2016-06-10

Metal Bank

Sheetpile Repair
Cottman Avenue
Philadelphia, PA (US)
Report number: 3340011G-25
Date: June 10, 2016 01:33 PM

Status

6/10/2016 (Friday) - Day 5 of R6 stone installation in Zone 3; Day 23 of overall R6 stone installation. Day 9 of Dock Welders on-site. The crane was used to perform R6 stone placement between Targets C and A (Zone 3). The long-reach excavator was used to manage the R6 material stockpile areas. Welders complete installation of long waler replacement piece and continued preparing for installation of the new corner waler piece. CEI conducted turbidity monitoring once today, at approximately 0740. The turbidity reading did not exceed performance criteria. No stone placement took place after noon due to the crane breaking down.

Details of Construction Activities

0630 to 0700 - Ramboll Environ (Eric Emery) , CDM Smith (b) (4) and CEI on-site. Subcontractors for crane operation (Thackray) and Dock Welders also on-site.

0700 - CEI performed health and safety meeting.

0700 to 0815 - Groff service truck on-site to service long-reach excavator.

0710 - Crews mobilized to work areas.

0720 to 0830 - CEI made adjustments to the turbidity curtain and took turbidity readings. The turbidity readings did not exceed performance criteria.

0730 to 1200 - CEI performed stone placement with the crane in Zone 3 between Targets C and A. A CEI spotter assisted crane operator during stone placement throughout the day.

0730 to 1500 - Dock welders complete installation of long waler replacement piece and continued preparing for installation of the new corner waler piece.

1000 - CDM Smith (b) (4) off-site.

1000 - Army Corps of Engineers (Travis Fatzinger) on-site.

1200 to 1530 - Thackray service truck on-site for repairs to crane swing motor. Eric (CEI) remaining on-site while Thackray continues repairs beyond 15:30.

1255 to 1315 - CEI took manual measurements of material placement in Zone 3 during low tide.

1320 to 1400 - The excavator was used to reshape material stockpiles for the crane.

1245 to 1320 - CEI made adjustments to the turbidity curtain.

1400 - Army Corps off-site.

1510 - Welders off-site.

1530 - CEI and Ramboll Environ off-site. Eric (CEI) and Thackray remain on-site to complete repairs to crane.

The Week Ahead

The waler repair work schedule depends on the daily progress made. Projections beyond the next day are uncertain. Please check the schedule regularly, as changes are likely.

Monday 6/13

Continue R6 stone placement in Zone 3

Continue waler repair work, which involves the following:

- Installation of additional chairs beneath existing waler
- Butt welding of corner pieces
- Shim welding to provide full contact between sheetpile wall and waler channels. At the corner (Target E), the W sections and steel plates that will be used to pack the spacing between the walers and the sheetpile wall will be prepared (cut to size) and welded onshore. These packing units will then be welded into place between the sheetpile wall and the walers.

Tuesday 6/14

Continue R6 stone placement in Zone 3 and Continue waler repair work

Wednesday 6/15

Continue R6 stone placement in Zone 3 and Continue waler repair work

Thursday 6/16

Continue R6 stone placement in Zone 3 and tie-rod testing

Friday 6/17

Continue R6 stone placement in Zone 3 and tie-rod testing

The following activities will also take place next week, although the exact dates are unknown:

- The surveyor will be on-site twice next week.

Contacts and people present

Role and company name	Name	Contact information	Present	Sent
Oversight [Ramboll]	Eric Emery	609-961-1363 eemery@ramboll.com	✓	✓
Oversight [Ramboll]	Joe Vitale	jvitale@ramboll.com	✗	✓
Oversight [Ramboll]	June Yeung	609-977-5899 jyeung@ramboll.com	✗	✓
CEI Project Superintendent [Creamer Environmental, Inc.]	John Castellani	201-522-5089 jcastellani@creamerenvironmental.com	✓	✓
CEI Project Manager [Creamer Environmental, Inc.]	Gary Kowalski	201-376-7153 gkowalski@creamerenvironmental.com	✓	✓
Laborer [Creamer Environmental, Inc.]	Laborer 1		✓	
Laborer [Creamer Environmental, Inc.]	Laborer 2		✓	
Laborer [Creamer Environmental, Inc.]	Laborer 3		✗	
Laborer [Creamer Environmental, Inc.]	Laborer 4		✗	

Regulator [USEPA]	Andrew Hass	hass.andrew@epa.gov	✗	✓
Ramboll Project Manager [Ramboll]	Nicholas Steenhaut	617-946-6109 nsteenhaut@ramboll.com	✗	✓
EPA Oversight [CDM Smith]	(b) (4)	(b) (4) @cdmsmith.com	✓	✓
EPA Oversight [USACE]	David Depolo	David.S.Depolo@usace.army.mil	✗	✓
EPA Oversight [CDM Smith]	(b) (4) r	(b) (4) @cdmsmith.com	✗	✓
EPA Oversight [USACE]	Travis Fatzinger	Travis.T.Fatzinger@usace.army.mil	✓	✓
EPA Oversight [USEPA]	William Geiger	Geiger.William@epa.gov	✗	✓
Design Engineer [RAC]	Joe Caciola	joe@racllc.com	✗	✓
Design Engineer [RAC]	Walter Papp	walter@racllc.com	✗	✓
Operator [Creamer Environmental, Inc.]	Operator 1		✓	
Operator [Thackray Crane Rental, Inc.]	Operator 2		✓	
Operator [Creamer Environmental, Inc.]	Operator 3		✗	
Oiler 1 [Thackray Crane Rental, Inc.]	Oiler 1		✓	
Welder [Creamer Environmental, Inc.]	Welder 1		✓	
Welder [Creamer Environmental, Inc.]	Welder 2		✓	
Welder [Creamer Environmental, Inc.]	Welder 3		✓	

Visitors

Material delivery trucks
Groff service truck

Equipment On-Site

CASE CX250C Long Reach Excavator

CASE 821F Loader

CAROLINA SKIFF 19DLX Boat

American 9310 Lattice Boom Crane (equipped with grappler; clamshell bucket removed but still on-site)

Welding Equipment (welding generators, gas canisters, etc.)

Material Tracking

Ten (10) loads of R6 stone, totaling 216.21 tons, were imported. Approximately 170 tons of material were placed today, all between Targets C and A in Zone 3.


A total of 5059.61 tons of R6 stone has been delivered to date. Approximately 4180 tons have been placed to date.

6/10/2016

Based on the most current estimated completion rate and the amount of stone placed to date, we project an approximate final total R6 weight of 5900 tons (up from the previous projected amount of 5000 tons). We expect stone placement to be completed the week of June 20, with site restoration and demob completed by the end of June. These estimates will be updated on a weekly basis, based on project progress.

Based on the baseline bathymetric survey, Weber estimated the volume of rip rap to be placed at 2750 cubic yards.

Observations

Remark	Description	Assignee(s):
Rip-Rap		
 <u>R6 stone placement</u> <u>[3.1]</u> June 10, 2016	R6 material placement continues between Targets A and C (Zone 3).	



R6 material placement in Zone 3 (facing NE)



Extent of R6 material placed in Zone 3. Shown at low tide (facing SW)

General / Other

✓ **Dock Welders**
continuing water
repair [17.1]

June 10, 2016

Dock welders continue water repair activities.

John Castellani
Walter Papp



Welders working on water installation (facing E)



Welders positioning new water section, assisted by long-reach excavator (facing SW)



Welders cutting and grinding waler where corner will come together

Testing and Monitoring

CEI provided today's turbidity monitoring data. These data indicate that there were no exceedences of the performance criteria.

Documents

Description	Status	Date	Responsible
Baseline Bathymetric Survey	Received	05/09/2016	John Castellani
Baseline Wall Survey	Received	05/09/2016	John Castellani
Turbidity Monitoring 05/10/2016	Received	05/10/2016	John Castellani
Stone Delivery Tickets 05/09/2016	Received	05/09/2016	John Castellani
Turbidity Monitoring 05/11/2016	Received	05/11/2016	John Castellani
Stone Delivery Tickets 05/11/2016	Received	05/11/2016	John Castellani
Stone Delivery Tickets 05/10/2016 (Revised)	Received	05/10/2016	John Castellani
Stone Delivery Tickets 05/12/2016	Received	05/12/2016	John Castellani
Turbidity Monitoring 05/12/2016	Received	05/12/2016	John Castellani
Turbidity Monitoring 05/13/2016	Received	05/13/2016	John Castellani

Turbidity Monitoring 05/16/2016	Received	05/16/2016	John Castellani
Stone Delivery Tickets 05/16/2016	Received	05/16/2016	John Castellani
Stone Delivery Tickets 05/13/2016	Received	05/13/2016	John Castellani
Wall and Rip Rap Survey 5/16/16	Received	05/16/2016	John Castellani
Turbidity Monitoring 05/17/2016	Received	05/17/2016	John Castellani
Turbidity Monitoring 05/18/2016	Received	05/18/2016	John Castellani
Stone Delivery Tickets 05/19/2016	Received	05/19/2016	John Castellani
Turbidity Monitoring 05/19/2016	Received	05/19/2016	John Castellani
Turbidity Monitoring 5/20/2016	Received	05/20/2016	John Castellani
Stone Delivery Tickets 5/20/2016	Received	05/20/2016	John Castellani
Sheetpile and Rip Rap Survey 5/19/2016	Received	05/19/2016	John Castellani
Stone Delivery Tickets 05/23/2016	Received	05/23/2016	John Castellani
Turbidity Monitoring 05/23/2016	Received	05/23/2016	John Castellani
Sheetpile and Rip Rap Survey 5/23/2016	Received	05/23/2016	John Castellani
Turbidity Monitoring 05/24/2016	Received	05/24/2016	John Castellani
Stone Delivery Tickets 05/24/2016	Received	05/24/2016	John Castellani
Turbidity Monitoring 05/25/2016	Received	05/25/2016	John Castellani
Turbidity Monitoring 05/26/2016	Received	05/26/2016	John Castellani
Stone Delivery Tickets 05/26/2016	Received	05/26/2016	John Castellani
Sheetpile and Rip Rap Survey 5/26/2016	Received	05/26/2016	John Castellani
Waste Manifest for Diesel Spill Cleanup Materials	Not yet received	05/25/2016	John Castellani
Turbidity Monitoring 05/27/2016	Received	05/27/2016	John Castellani
Stone Delivery Tickets 05/27/2016	Received	05/27/2016	John Castellani
Waler BOL 05/27/2016	Received	05/27/2016	John Castellani
Welder Qualification_Michael Gill	Received	05/31/2016	John Castellani

Turbidity Monitoring 05/31/2016	Received	05/31/2016	John Castellani
Stone Delivery Tickets 05/31/2016	Received	05/31/2016	John Castellani
Welder Qualification_Tyrone Livingston	Received	06/01/2016	John Castellani
Stone Delivery Tickets 06/01/2016	Received	06/01/2016	John Castellani
Turbidity Monitoring 06/01/2016	Received	06/01/2016	John Castellani
Sheetpile and Rip Rap Survey 6/1/2016	Received	06/01/2016	John Castellani
Sheet Pile and Rip Rap Survey 06/02/2016	Received	06/02/2016	John Castellani
Stone Delivery Tickets 06/02/2016	Received	06/02/2016	John Castellani
Turbidity Monitoring 06/02/2016	Received	06/02/2016	John Castellani
Turbidity Monitoring 06/03/2016	Received	06/03/2016	John Castellani
Stone Delivery Tickets 06/03/2016	Received	06/03/2016	John Castellani
Turbidity Monitoring 06/06/2016	Received	06/06/2016	John Castellani
Stone Delivery Tickets 06/06/2016	Received	06/06/2016	John Castellani
Sheetpile and Rip Rap Survey 6/6/2016	Received	06/06/2016	John Castellani
Welder Certification Jim Canoway	Received	06/07/2016	John Castellani
Stone Delivery Tickets 06/07/2016	Received	06/07/2016	John Castellani
Turbidity Monitoring 06/07/2016	Received	06/07/2016	John Castellani
Turbidity Monitoring 06/08/2016	Received	06/08/2016	John Castellani
Stone Delivery Tickets 06/08/2016	Received	06/08/2016	John Castellani
Turbidity Monitoring 06/09/2016	Received	06/09/2016	John Castellani
Stone Delivery Tickets 06/09/2016	Received	06/09/2016	John Castellani
Sheetpile and Rip Rap Survey 06092016	Not yet received	06/09/2016	John Castellani
Stone Delivery Tickets 06/10/2016	Received	06/10/2016	John Castellani
Turbidity Monitoring	Received	06/10/2016	John Castellani

General conditions

Disclaimer: Information contained in this Field Observation Report has been prepared to the best of our knowledge according to observable conditions at the site.